

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY
FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE
EXAMINATION

COURSE CODE: REM 315 (3units)

COURSE TITLE: Digital Image Processing (DIP)

INSTRUCTIONS: Answer any four (4) questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

TIME ALLOWED: 2 1/2Hours

1. (a). what is a digital image?

(b). Describe the different digital image data storage formats.
2. (a).What do you understand by **Image Resolution**?

(b). Discuss the different types of image resolution you know.
3. With the aid of a diagram, describe the steps involved in digital image processing.
4. Discuss in details the elements of image interpretation techniques.
5. Discuss any three image enhancement techniques known to you.
6. Differentiate between supervised and unsupervised classification.